

**IN THE CLAIMS**

26. The computer program of claim 22 having further instructions to:  
Fourier transform image data in z;  
sort and align the z-transformed image data to match anatomic locations in z to  
fill a matrix.

**REMARKS**

Claims 1-30 are pending in the present application. In the Office Action of February 13, 2003, the Examiner objected to Figs. 1-7 under MPEP §608.02(g). The Examiner rejected claims 1-29 under 35 U.S.C. §102(e) as being anticipated by Machida (USP Application No. 2002/0115929 A1). Claims 1-4, 7, 8, 10-12, and 22 were rejected under 35 U.S.C. §102(b) as being anticipated by the Dietrich et al. article "Extending the coverage of true volume scans by continuous movement of the subject". Claim 1 was rejected under 35 U.S.C. §102(b) as being anticipated by Yoshitome Japanese Laid-open Patent Application (kokai) No. H6-311977. Claims 13-14 and 30 were rejected under 35 U.S.C. §103(a) as being anticipated by the Dietrich et al. article.

**Rejection under §112**

Regarding the Examiner's rejection of claim 26 for reciting "MR data" without antecedent basis, Applicant has amended claim 26 to call for "image data." Image data is positively recited in claim 22 and claim 26 depends therefrom. As such, Applicant believes the rejection is traversed.

**Objection to Drawings**

The Examiner stated that "Figures 1-7 should be designated by a legend such as - Prior Art - because only that which is old is illustrated." However, the Examiner has not supplied "Prior Art" that shows Figures 1-7. Applicant believes the Examiner mistakenly believes that